

Promat

PROMAGLAF® Textiles

PROMAGLAF® textiles are produced with mineral E-glass fibres (DIN 61850, ISSO 6355).



ADVANTAGES AND PROPERTIES

- Flexible and elastic for processing, ideal for sealing purposes
- Good thermal and electrical insulation
- High tensile strength, abrasion-proof
- High temperature resistance
- Good chemical resistance to alkalis and acids
- Harmless in terms of working hygiene
- Avoid contact with sodium silicates

The PROMAGLAF® yarn are texturised by air which give the PROMAGLAF®

textiles a good thermal insulation. The E-glass fibres have a diameter of 6 to 9 micron which make the PROMAGLAF® textiles very flexible and supple.

WORKING AND PROCESSING

The PROMAGLAF® textiles can be worked and processed with conventional textile working tools.

AREAS OF APPLICATION

- Substitute for asbestos cords, tight cords and textiles
- Material for darning joints and expansion joints
- Door sealings, heating boilers, chimneys
- Joint sealings in heating devices
- Insulation of pipelines
- Ingot mould sealings
- Furnace curtains





TECHNICAL DATA

Product name	PROMAGLAF® textiles
Composition	mineral E-glass fibres (Din 61850, ISO 6355)
Colour	white
SiO ₂ content	55%
Shrinkage at 500°C	< 1%
Maximal use temperature	continuous 500°C Short time use (10 min) 550°C
Rest of mechanical strenght after 400°C	15%

STANDARD SIZES

PROMAGLAF®	Diameter	3	4	5	6	8	10	12	15	20							
- twisted rope	Length (m)	200	150	100	100	100	100	100	100	50							
	Weight (gr/m) ± 10%	8	12	17	22	40	58	85	140	235							
PROMAGLAF®	Diameter	5	6	8	10	12	15	18	20	22	25	28	30	35	40	50	
- round braiding	Length (m)	100	100	100	50	50	50	25	25	25	25	20	20	20	15	10	
	Weight (gr/m) ± 10%	20	30	43	70	90	140	203	250	300	390	480	550	750	950	1500	
PROMAGLAF®	Diameter	5	6	8	10	12	15	18	20	22	25	28	30	35	40	50	
- square braiding	Length (m)	100	100	100	50	50	50	25	25	25	25	20	20	20	15	10	
	Weight (gr/m) ± 10%	25	35	60	85	122	192	269	330	400	525	643	675	985	1310	2100	
PROMAGLAF®	Width	10	15	20	25	30	40	50	60	70	75	80	100	120	140	150	160
- tape	Length (m)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
on request:	Weight (gr/m) ± 10%	11	16	21	27	32	42	53	64	75	80	85	85	126	150	160	170
- laddertape	(Thickness 2 mm)																
- with adhesive	Weight (gr/m) ± 10%	15	22	30	40	45	60	80	90	105	100	120	160	180	210	200	240
- in black colour	(Thickness 3 mm)																
	Weight (gr/m) ± 10%	45	60	70	95	120	140	190	230								
	(Thickness 5 mm)																
PROMAGLAF®	Diameter	8	12	15	20	25	30	35	40	50							
- sleeves	Length (m)	25	25	25	25	25	25	25	25	25							
	Weight (gr/m) ± 10%	60	80	110	160	200	250	250	320	440							
PROMAGLAF®	Diameter	3	4	5	6	8	10	12									
- knitted rope	Length (m)	200	200	150	100	100	100	50									
on request: black	Weight (gr/m) ± 10%	6	10	15	17	17	28	50									
PROMAGLAF®	Diameter	15	20	25	30	40	50										
- insulation rope	Length (m)	50	25	25	30	40	50										
core: E-glass fibres	Weight (gr/m) ± 10%	70	125	195	280	500	785										
casing: glass fibres																	
with open mesh																	

Promat contains the right to change without notice the properties and values of all products. The given technical values are obtained in specific conditions and are average and indicative. In case of any doubt if these properties and/or values are matching the application requirements, please contact Promat for advise.